



2017 TRAFFIC SIGNAL TRAINING



December 12, 13, & 14th

**THREE DAYS OF INSTRUCTION,
DEMONSTRATION, AND
HANDS-ON TRAINING**

PRESENTED BY:



MaineDOT
Traffic Engineering Division

AT THE AUGUSTA ARMORY
179 WESTERN AVENUE
AUGUSTA, ME 04333

TRAFFIC SIGNAL TRAINING Registration Form

Please Fax **624-3301** or email local.web@maine.gov by Nov. 27, or mail by Nov 23 to the following address:

Local Roads
Maine Dept. of Transportation
22 Child Street
Augusta, Maine 04333

Make checks payable to:
Treasurer, State of Maine

Check off 1, 2, or 3 days for each registrant

REGISTRATION FEE \$40
per registrant per day
(includes all materials, coffee, and lunch)
Payment should accompany registration.
Copy registration form if necessary.
Please print.

	TUE 12	WED 13	THUR 14
Cabinet Safety & Maint.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Traffic Signal Operation.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Hands On Training	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Municipality / Company: _____

	Name	Title	Phone #
1) _____			
2) _____			
3) _____			

The **MAINE DOT** is proud to offer our 19 hour traffic signal training program at the Augusta Armory. These courses will cover topics from safety and maintenance to operation and general understanding and are presented by experienced State of Maine employees and representatives from the private sector. The course is comprehensive and attendance at all three days is recommended. This program is recommended for anyone involved with traffic signal or traffic beacons, including public works members, road commissioners, selectpersons, municipal engineers, electrical contractors, and consultants.

Classes begin each day at 8:30 AM and conclude at 4:00 PM, with a catered lunch break from 12:00 to 1:00 PM. Coffee will be served from 8:15 AM.

TUESDAY DECEMBER 12

Traffic Cabinet Safety and Maintenance

- Instruction on the dangers of opening and working on cabinets. Learn proper safety procedures and requirements and how to identify safe and unsafe components
- Maintenance and cleaning procedures to help maximize the lifespan of the components and reduce cost of replacement
- Various cabinets explained including special low-voltage cabinets
- Background and comparison of camera and induction loop equipment that detects traffic for the signals, including an in-depth discussion on camera programming

WEDNESDAY DECEMBER 13

Traffic Signal Concepts & Operation

- Concepts behind traffic signal software and hardware explained. Gain an understanding of the system as a whole and learn names and terminology
- Day opens with round table explanation and discussion of adaptive central traffic control systems from all attending vendors
- Inspection procedures for the support structure for signals
- How to determine if a signal is coordinated & how to manually operate through the police door
- Instruction in proper programming of pedestrian buttons and their effects as well as ensuring ADA compliance
- Included is discussion of IMSA Training requirements and liability, necessary for anyone working on traffic signals

THURSDAY DECEMBER 14

Hands-On Training

- Four hours of hands-on learning opportunities. Take the skills learned in the first two days and test them on five cabinets where you can try out programming cameras, setting up timing for the signals, and much more. Instructors will be available at all stations to offer one-on-one guidance and answer questions
- Interactive lesson teaches how to detect issues in the traffic signal and detection system without even opening the cabinet. View example intersections to discover potential issues and determine the causes
- Classes conclude with a discussion of signal preemption

Featured Manufacturers and Vendors:

Electric Light-McCain, Rhythm Engineering,
TrafficWare-Highway Tech